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FAX TRANSMISSION**DATE:** February 7, 2007**PTO IDENTIFIER:** Application Number 10/666,558-Conf. #5541
Patent Number**Inventor:** Sohl et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8300**FROM:** VENABLE LLP

Ralph P. Albrecht

PHONE: (703) 760-1681**Attorney Dkt. #:** 36507-193188**PAGES (Including Cover Sheet):** 8**CONTENTS:**

Information Disclosure Statement (2 pages)
IDS Form SB-08A/B with 6 cited references (1 page)
Transmittal Form SB/21 (1 page)
Fee Transmittal Form SB/17 (1 page)
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PTO/SB/97 (09-08)

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Application No. (if known): 10/666,558

Attorney Docket No.: 36507-193188

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Attorney/LAA: RPA:cja

PTO Due Date:

Current Date:

Application No: 10/666,558

Filing Date: September 22, 2003

Patent No. :

Issue Date:

U.S. PTO FEES ENCLOSED

_____	Filing Fee
_____	Surcharge Fee
_____	Additional Claim Fee
_____	Recordation/Indexing Fee
180.00	IDS Fee
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_____	Brief on Appeal
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PAGE 3/8 * RCVD AT 2/7/2007 12:06:14 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-2/19 * DNIS:2738300 * CSID:7038218949 * DURATION (mm-ss):02-38

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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/666,558-Conf. #5541
	Filing Date	September 22, 2003
	First Named Inventor	John H. Sohl, III
	Art Unit	1743
	Examiner Name	K. A. Moss
Total Number of Pages in This Submission	Attorney Docket Number	36507-193188

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form SB/17 <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Transmittal Form SB/21 <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> IDS Form SB 08A/B with 6 cited references <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Yellow filing receipt (1 page)
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	VENABLE LLP	
Signature		
Printed name	Ralph P. Albrecht	
Date	2/7/07	Reg. No. 43,466

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PTO/88/17 (07-06)


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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4812). FEE TRANSMITTAL For FY 2006		Complete if Known	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/666,558-Conf. #5541
		Filing Date	September 22, 2003
		First Named Inventor	John H. Sohl, III
		Examiner Name	K. A. Moss
		Art Unit	1743
TOTAL AMOUNT OF PAYMENT		(\$)	180.00
		Attorney Docket No.	36507-193188

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>22-0261</u> Deposit Account Name: <u>Venable LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee <input checked="" type="checkbox"/> Credit any overpayments

FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
	FILING FEES		SEARCH FEES		EXAMINATION FEES		
Application Type	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
							Small Entity
							Fee (\$)
Each claim over 20 (including Reissues)							50
Each independent claim over 3 (including Reissues)							200
Multiple dependent claims							360
							180
Total Claims		Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims		
=		x	=		Fee (\$)		Fee Paid (\$)
HP = highest number of total claims paid for, if greater than 20.							
Indep. Claims		Extra Claims	Fee (\$)	Fee Paid (\$)			
=		x	=				
HP = highest number of independent claims paid for, if greater than 3.							
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof		Fee (\$)	Fee Paid (\$)		
- 100 -	150	(round up to a whole number) x					
4. OTHER FEE(S)							
Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement							180.00

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	43,466
Name (Print/Type)	Ralph P. Albrecht	Telephone	(703) 760-1681
		Date	2/7/07

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Atty. Docket No: 36507-193188

Sohl et al.

Art Unit: 1743

Application No: 10/666,558

Examiner: K. A. Moss

Confirmation No: 5541

Customer No: **26694**

PATENT TRADEMARK OFFICE

Filed: September 22, 2003

For: **ENHANCED SUBSURFACE
SCANNING SYSTEM, METHOD AND
COMPUTER PROGRAM PRODUCT**

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

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Application No.: 10/666,558

Docket No.: 36507-193188

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 22-0261 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 36507-193188. A duplicate copy of this paper is enclosed.

Dated: 2/7/07

Respectfully submitted,

By: 

Ralph P. Albrecht

Registration No.: 43,466

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Attorney/Agent For Applicant

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/666,558-Conf. #5541
		Filing Date	September 22, 2003
		First Named Inventor	John H. Sohl, III
		Art Unit	1743
		Examiner Name	K. A. Moss
Sheet 1 of 1	Attorney Docket Number	36507-193188	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-4,725,551	02-16-1988	Thompson	
	AB	US-US2002/0169558	11-14-2002	Smith et al.	
	AC*	US-3,999,065	12-21-1976	Briggs, Walton E.	
	AD*	US-5,421,193	06-06-1995	Carlin et al.	
	AE*	US-7,003,405	02-21-2008	Ho	
	AF*	US-5,946,094	08-31-1999	Sahlgren et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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